

## Weekly Metrics for August 11 - 17, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	91	
		L1 Prod	GSFC	400	1X Baseline	128	A
		Archive	GSFC	498	1X Baseline	219	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	0	C
		L2-L3 Prod	NSIDC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	6	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	491	
		L1 Prod	GSFC	2,498	1X Baseline	2,518	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	1,647	
		Archive	EDC	540	Baseline	1,261	
			GSFC	3,172	Baseline	3,316	
			NSIDC	56	Baseline	79	
		Distribution	GSFC				
		<i>Testing/QA</i>		362	IT Requirements	182	
		<i>SIPS Production</i>				206	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.6	
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	677	E
		L1B Ingest	EDC	271	1X Baseline	97	E
		L2-L3 Prod	EDC	1,203	3X Baseline	97	E
		Archive	EDC	2,154	Baseline	872	E
		Distribution	EDC				
		<i>End Users</i>		1,352	1X Baseline	5,043	G, M, N, O, P
	CERES	Archive	LaRC	331	Baseline	714	
		Distribution	LaRC				
		<i>Testing/QA</i>		1,421	IT Requirements	143	
		<i>End Users</i>		117	1X Baseline	30	G, M, N, O
	MISR	L0 Ingest	LaRC	249	1X Baseline	265	
		L1 Prod	LaRC	3,323	3X Baseline	3,574	
		L2-L3 Prod	LaRC	281	3X Baseline	130	F
		Archive	LaRC	3,853	Baseline	3,983	
		Distribution	LaRC				
		<i>End Users</i>		1,201	1X Baseline	173	G, M, N, O
	MODIS	L0 Ingest	GSFC	469	1X Baseline	487	
		L1 Prod	GSFC	7,494	3X Baseline	2,519	H
		L2-L4 Prod	MODAPS	14,254	3X Baseline	12,394	H
		Archive	EDC	8,606	Baseline (L2-L4)	3,052	H, I
			GSFC	12,772	Baseline (L0-L4)	12,272	H, I
			JPL	0	Baseline (L2-3)	34	
			NSIDC	839	Baseline (L2-L3)	89	H, I
		Distribution	EDC				
		<i>End Users</i>		2,869	1X Baseline	526	G, M, N, O
		Distribution	GSFC				
		<i>Testing/QA</i>		362	IT Requirements	182	
		<i>SIPS Production</i>				3,631	
		<i>End users</i>		4,101	1X Baseline	412	G, N, O
		Distribution	JPL				
		<i>End Users</i>		0	Baseline	0.1	
		Distribution	NSIDC				
		<i>End Users</i>		280	1X Baseline	15	G, M, N

	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	1.9 1.7 1.7 5.3 1	1X Baseline 3X Baseline 3X Baseline Baseline 1X Baseline	2 0 0 2 1	J J J G, M, N, O
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	872 141	
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	NA	NA	2 6	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	24 363	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 15	K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA	NA	24 64	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). Only L0 and a limited number of L1A products have been produced, as planned at this timeframe in the mission. Full production of AIRS products is expected to begin 9 months after the launch of Aqua spacecraft.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. No L1 data was sent to NSIDC from Japan as planned and no L2 product was generated. Full production of AMSR-E products is expected to begin 12 months after the launch of Aqua spacecraft.
- D. ACRIM data is not transmitted daily from ACRIM SIPS to LaRC DAAC.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- F. Reprocessing activities were primarily focused on the L1 products.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Little reprocessing was done except for ocean products, as planned by MODIS science team.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. According to plans, L1 and L2 data are not sent on a daily basis from the MOPITT SIPS to the DAAC.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products.
- L. Includes distribution of educational materials in addition to AVHRR SST.
- M. Does not include distribution by subscription
- N. Does not include distribution by subsetting tool
- O. Does not include distribution by data pool
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data, but distribution remains up as the free data backlog is being worked off.

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).